

CLAIM AMENDMENTS**Claim 1 (original):**

A table saw comprising:

a frame including a table defining a work surface;

a rotatable blade coupled to the frame and extendable up through the work surface;

an adjustment mechanism configured to adjust the position of the blade relative to the table;

a detection system configured to detect contact between a person and the blade;

a brake mechanism configured to engage and stop the blade upon detection of contact between the person and the blade; and

a brake positioning system configured to adjust the position of the brake mechanism to maintain the brake mechanism in an operative position relative to the blade as the position of the blade is adjusted.

Claim 2 (original):

The table saw of claim 1, where the adjustment mechanism is configured to adjust the vertical position of the blade relative to the table.

Claim 3 (original):

The table saw of either of claim 1, where the adjustment mechanism is configured to adjust the angular position of the blade relative to the table.

Claim 4 (original):

The table saw of claim 1, where the blade is coupled to the frame by a support structure that is selectively positionable relative to the frame, and where the brake mechanism is coupled to the support structure.

Claim 5 (currently amended):

A table saw comprising:

a frame including a table defining a work surface;

an arbor block supported by the frame;

a rotatable arbor supported by the arbor block;

a blade mounted on the arbor and extendable up through the work surface;

a motor to drive the arbor and blade;

an adjustment mechanism configured to adjust the position of the blade relative to the table;

a detection system configured to detect contact between a person and the blade;

a brake mechanism configured to engage and stop the blade upon detection of contact between the person and the blade; and

a brake positioning system configured to adjust the position of the brake mechanism to maintain the brake mechanism in an operative position relative to the blade as the position of the blade is adjusted;

~~The table saw of claim 4, where the support structure includes an arbor block adapted to support a rotatable arbor, where the blade is mounted on the arbor, and where the brake mechanism is mounted on to the arbor block.~~

Claims 6-12 (cancelled):

Claim 13 (original):

A woodworking machine comprising:

an electrically conductive cutter;

a detection system adapted to detect contact between a user and the cutter;

a brake system adapted to engage and stop the cutter when the detection system detects contact between the user and the cutter; and

a frame supporting the cutter, where the cutter is adapted to be raised and lowered relative to the frame, and where the brake system is configured to raise and lower with the cutter.

Claim 14 (original):

A woodworking machine comprising:

an electrically conductive cutter;

a detection system adapted to detect contact between a user and the cutter;

a brake system adapted to engage and stop the cutter when the detection system detects contact between the user and the cutter; and

a frame supporting the cutter, where the cutter is adapted to be tilted relative to the frame, and where the brake system is configured to tilt with the cutter.

Claim 15 (original):

A table saw comprising:

a frame including a table defining a work surface;

a rotatable blade coupled to the frame and extendable up through the work surface;

adjustment means for adjusting the position of the blade relative to the table;

detection means for detecting contact between a person and the blade;

brake means for engaging and stopping the blade upon detection of contact between the person and the blade; and

brake positioning means for maintaining the brake means in an operative position relative to the blade as the position of the blade is adjusted.

Claims 16-29 (cancelled).

Claim 30 (previously presented):

The table saw of claim 1, where the blade includes a perimeter and a cutting edge around its perimeter, where the brake mechanism is configured to engage the cutting edge of the blade to stop the blade upon detection of contact between the person and the blade, and where the brake positioning system maintains the brake mechanism in a position adjacent the cutting edge as the position of the blade relative to the table is adjusted.

Claim 31 (previously presented):

The table saw of claim 30, where the adjustment mechanism is configured to tilt the blade relative to the table.

Claim 32 (previously presented):

The table saw of claim 30, where the adjustment mechanism is configured to change the elevation of the blade relative to the table.

Claim 33 (previously presented):

The table saw of claim 1, where the brake positioning system is further configured to support the brake mechanism when the brake mechanism engages the blade.